

ELECTRICAL ISOLATION LAYER FOR GENERATOR STATOR STRAND ASSEMBLY AND OTHER USES

Abstract of the Disclosure

- 5 An electrical isolation layer capable of inhibiting, if not preventing, a first
conductive material from electrically passing or bleeding into a second conductive
material and thereby causing a high resistance connection among the conductive
materials is provided. The isolation layer has particular application when arranged
between a conductive roebel filler and conductive strands sheathed by a porous insulator
10 carrying a high voltage within a stator of a dynamoelectric machine used in a power
generation plant.